

Abstract of the Disclosure

A stator (1) for an electrical induction machine comprises at least two stator sections (2, 3) at two different axial positions, each section having a plurality of circumferentially separated, radially extending teeth (6, 7) and each tooth having a single winding. The stator sections are mutually phase-shifted so as to reduce the effect of other harmonics than the working harmonics. In a stator having two separated stator sections, these are physically phase-shifted by 180° electrical \pm an angle related to skew, and then have their electrical supplies also shifted by 180° electrical.